

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims.

Listing of the Claims:

1-23. (Canceled)

24. (Currently Amended) A ~~The peptide of Claim 23~~ having at least 92% sequence identity to the amino acid sequence of SEQ ID NO: 137.

25. (Withdrawn - Currently Amended) The peptide of claim 24, wherein the peptide having at least 92% sequence identity comprises the amino acid sequence of SEQ ID NO: 55, 67, 70, 73, 82, 83, 84, 89, 94, 100, 103, 106, 107, 111, 112, 125, 133, or 137. ~~or 133.~~

26. (Currently Amended) A ~~The peptide of Claim 24~~ having at least 95% sequence identity to the amino acid sequence of SEQ ID NO: 137.

27. (Previously Presented) The peptide of Claim 26, wherein the peptide having at least 95% sequence identity comprises the amino acid sequence of SEQ ID NO: 40, 42, 43, 46, 47, 48, 54, 64, 65, 68, 69, 74, 78, 79, 80, 81, 85, 90, 91, 92, 93, 95, 96, 97, 98, 99, 101, 102, 109, 118, 119, 121, 130, or 137.

28. (Withdrawn - Previously Presented) A peptide having at least 95% sequence identity to the amino acid sequence of SEQ ID NO: 43.

29. (Previously Presented) The peptide of claim 28, wherein the peptide having at least 95% sequence identity comprises the amino acid sequence of SEQ ID NO: 43 or 137.

30. (Currently Amended) The peptide of claim 24, 42, wherein the peptide is linked to a polyethylene glycol polymer, a polyamino acid, or a fatty acid.

31. (Canceled)

32. (Withdrawn - Currently Amended) The peptide of claim 29, 28, wherein the peptide is linked to a polyethylene glycol polymer, a polyamino acid, or a fatty acid.

33. (New) A peptide comprising the amino acid sequence of SEQ ID NO:137.

34. (New) The peptide of claim 33, wherein the peptide is linked to a polyethylene glycol polymer, a polyamino acid, or a fatty acid.